ABSTRACT

A new method and system for transporting and sorting multiple reagent packs used in conjunction with an immunodiagnostic instrument is provided. The new system includes a multiplicity of reagent packs; a gantry movably mounted on a rack structure for carrying a gripper mechanism, wherein the gripper mechanism has gripping jaws for engagement with the reagent pack; a power assembly for actuating the respective movement of the gantry, the gripper mechanism and the gripping jaws; a storage nest having a multiplicity of compartments, each adapted for storing a one of the respective reagent packs; and a pipetting nest having a multiplicity of compartment, each adapted for retaining a respective one of the reagent packs for simultaneous pipetting. Methods of using the system and a novel reagent pack used in connection with the new system are also provided.

Docket No. 1894-174